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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOBUTYRATE ACGIH TLV: NOT ESTAB.	25265-77-4	.01 68 F	3
* ETHYLENE GLYCOL ACGIH TLV: 50PPM	107-21-1	.06 77 F	1.3

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

BOILING RANGE: 387 F - 491 F	SPECIFIC GRAVITY (H2O=1): 1.12
VAPOR DENSITY: Lighter than air.	EVAPORATION RATE: Slower than ether.
COATING V.O.C.: 117 g/l	MATERIAL V.O.C.: 50 g/l
SOLUBILITY IN WATER: Complete.	
APPEARANCE AND ODOR: Typical for water based paints.	

FLASH POINT: Not Applicable.                      METHOD USED: Not Applicable.

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .62 UPPER: 15.3

EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, or Water Fog.

## SPECIAL FIREFIGHTING PROCEDURES

Cool containers with water spray.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed container exposed to high temperatures may explode or burst due to build up of steam pressure.

STABILITY: Stable.  
CONDITIONS TO AVOID  
None.

INCOMPATIBILITY (MATERIALS TO AVOID)  
Avoid contact with strong oxidizing agents.

## HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May form toxic materials on thermal decomposition including Carbon Dioxide, Carbon Monoxide, and various hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION VI   -   HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Adverse health effects from vapors or spray mists in poorly ventilated areas may include irritation of the mucous membranes of the nose, throat, and respiratory tract and symptoms of headache and nausea.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYES: In direct contact, may cause irritation. SKIN: Prolonged and repeated contact with product may cause skin irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Redness, drying of the skin, or other signs of irritation or contact dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: May cause irritation to skin and eyes, gastrointestinal irritation, nausea, and vomiting. CHRONIC: Prolonged or repeated exposure above TLV may result in permanent brain and nervous system damage.

CARCINOGENICITY:   NTP CARCINOGEN: No    IARC MONOGRAPHS: No    OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

May be aggravating to some skin and respiratory conditions, and to pre-existing liver and/or kidney disorders.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with large amounts of water for at least 15 minutes. Take to a physician. SKIN: Wash affected areas with soap and water. Remove contaminated clothing. If irritation persists, consult physician. INHALATION: Remove to fresh air. Treat symptomatically. Consult physician. INGESTION: Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

===== SECTION VII   -   PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Dike, contain, or absorb with inert materials. Transfer to containers for recovery or disposal. Prevent runoff into sewers, streams, or other bodies of water.

WASTE DISPOSAL METHOD

Dispose of in accordance with all local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not expose to extremes in temperature. Avoid exposure to high temperatures. DO NOT ALLOW TO FREEZE.

OTHER PRECAUTIONS

DO NOT TAKE INTERNALLY. Avoid prolonged or repeated exposure to levels above TLV. KEEP OUT OF REACH OF CHILDREN.

===== SECTION VIII   -   CONTROL MEASURES =====

RESPIRATORY PROTECTION

Not normally required. If TLV is exceeded, use NIOSH/MSHA approved organic vapor and mist, supplied air, or self-contained breathing apparatus. Avoid breathing sanding dust.

VENTILATION

Use adequate mechanical (general and/or local) ventilation to maintain exposure below TLV.

PROTECTIVE GLOVES

Wear resistant gloves such as polyethylene.

EYE PROTECTION

Use chemical splash goggles or OSHA permitted safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear impervious clothing. Eye wash station.

WORK/HYGIENIC PRACTICES

Wash hands before eating or using restrooms. Remove and wash all contaminated clothing before reuse.

===== SECTION IX - DISCLAIMER =====

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.